

USSN: 09/771,062

PATENT

Our Reference: 94100414(EP)USC1X1C1D3 PDDD

Art Unit: 2154

REMARKS

Claims 1-7 are pending in the present application.

This Amendment is in response to the Final Office Action mailed September 9, 2005. In the Office Action, the Examiner rejected claims 1-4 under 35 U.S.C. § 103(a) as being unpatentable over Horvath (US Patent No. 5,450,599) in view of Nukiyama (US Patent No 4,658,354); and rejected claims 5-7 under 35 U.S.C. § 103(a) as being unpatentable over Horvath in view of Nukiyama and in further view of Morrison (US Patent No 4,985,766).

Applicant has amended claims 1 and 4.

With regard to amended claims 1 and 4 and their respective dependant claims, Horvath in view of Nukiyama, taken alone or in any combination, do not disclose, suggest, or render obvious the present invention because they do not teach, suggest, or describe how to use data words, (a portion of the data words being used to prepare a pipeline for processing using a single bus).

As shown in Figure 4 of Nukiyama, for instance, data and control information comes in and control information is used by route 48 for control and interfacing with the latch and data is routed through a second route to execution unit 41, for instance. Unlike Nukiyama, the present invention uses data and control tokens in a single bus.

Therefore, Applicant believes that independent claims 1 and 4 and their respective dependent claims are distinguishable over the cited prior art references. Since claims 5-7 depend from claim 4 and since Applicant believes claim 4 is in a condition for allowance, the rejection with regard to claims 5-7 is moot. Accordingly, Applicant respectfully requests the rejections under 35 U.S.C. § 103(a) be withdrawn.

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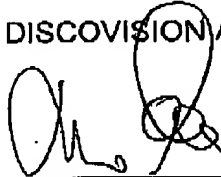
CONCLUSION

In view of the amendments and remarks made above, it is respectfully submitted that the pending claims are in condition for allowance, and such action is respectfully solicited. If it is believed that a telephone conversation would expedite the prosecution of the present application, or clarify matters with regard to its allowance, the Examiner is invited to contact the undersigned attorney at the number listed below.

The Commissioner is hereby authorized to charge payment of any required fees associated with this Communication or credit any overpayment to Deposit Account No. 04-1175.

Respectfully submitted,

DISCOVISION ASSOCIATES



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Dated: 11/9/05

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